

UNS N06626

Inconel 625LCF

W. Nr. 2.4856

Nickel

Chromium

Molybdenum

Niobium

<https://www.arialloy.com/inconel-625lcf/>

• Chemical Composition •

C%	Mn%	Si%	P%	S%	Cr%	Nb% + Ta%
≤ 0.03	≤ 0.50	≤ 0.15	≤ 0.015	≤ 0.015	20.0 ~ 23.0	3.15 ~ 4.15
Co%	Mo%	Fe%	Al%	Ti%	Ni%	N%
≤ 1.0	8.0 ~ 10.0	≤ 5.0	≤ 0.4	≤ 0.4	≥ 58.0	≤ 0.02

• Mechanical Properties •

Product	Condition	T.S.	Y.S.	EL	RA	Hardness
		MPa, min	MPa, min	%, min	%, min	HR
Sheet & Strip	Annealed	827	414	30	...	...
Sheet & Strip	Solution Annealed	690	276	30	...	...

• Physical Properties •

Density		Melting Range		Curie Temperature	
lb/in ³	g/cm ³	°F	°C	°F	°C
0.305	8.44	2350 ~ 2460	1290 ~ 1350	< -320	-196

• Main Standards •

Plate, Sheet & Strip

ASTM B443
ASTM SB 443
SAE AMS 5879